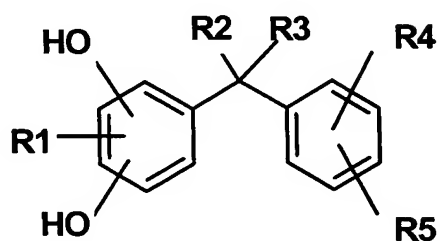


Claims

1. Use of a compound of the Formula 1 or of a mixture of substances that contains one or more compounds of the Formula 1,



1

where:

R1 is

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms
- OH or
- halogen,

R2 is

- hydrogen,
- methyl or
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is

- methyl or
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

and

R4 and R5 independently of one another are

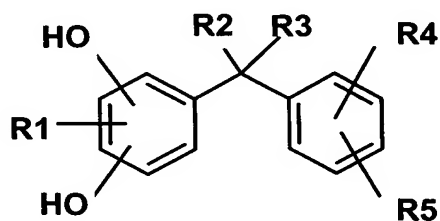
- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms
- OH or
- halogen.

as tyrosinase inhibitor for skin and/or hair lightening and/or for combating age spots and/or as browning inhibitor in the food industry.

2. Use of styrylresorcinol as tyrosinase inhibitor for skin and/or hair lightening and/or for combating age spots and/or as browning inhibitor in the food industry.

3. Fragrance composition, comprising

- (a) a fragrance in an amount that has a sensory effect,
- (b) one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



1

where:

R1 is

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms
- OH or
- halogen,

R2 is

- hydrogen,
- methyl or
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is

- methyl or
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

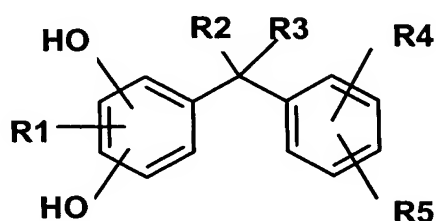
and

R4 and R5 independently of one another are

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms
- OH or
- halogen.

4. Cosmetic formulation, comprising

- one or more compounds for the care and/or cleansing of (a) skin and/or (b) hair and
- one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



1

where:

R1 is

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms
- OH or
- halogen,

R2 is

- hydrogen,
- methyl or
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is

- methyl or
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

and

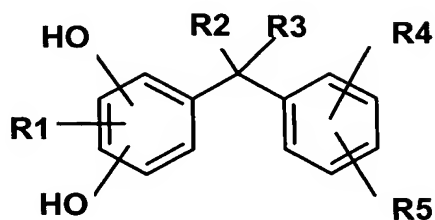
R4 and R5 independently of one another are

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms
- OH or
- halogen.

5. Sunscreen formulation, comprising

- an effective amount of a UV filter, so that the protection factor of the sunscreen formulation is > 2, and

- one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



1

where:

R1 is

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms
- OH or
- halogen,

R2 is

- hydrogen,
- methyl or

- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is

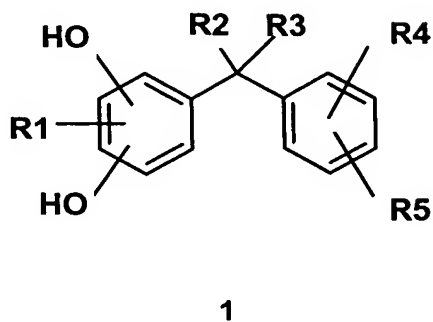
- methyl or
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

and

R4 and R5 independently of one another are

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms
- OH or
- halogen.

6. Use of a compound of the Formula 1 or of a mixture of substances that contains one or more compounds of the Formula 1,



where:

R1 is

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms
- OH or
- halogen,

R2 is

- hydrogen,
- methyl or

- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is

- methyl or
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

and

R4 and R5 independently of one another are

- hydrogen,
- methyl,
- straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms
- OH or
- halogen,

for the preparation of an agent (a) against skin and hair browning, (b) for combatting age spots and/or (c) for the inhibition of the undesired browning of foods.